

Title (en)

MAGNET ASSEMBLY WITH RECIPROCATING CORE MEMBER AND ASSOCIATED METHOD OF OPERATION

Title (de)

MAGNETANORDNUNG MIT HIN-UND-HERBEWEGENDEM KERNTIL UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

ENSEMBLE AIMANT A NOYAU ALTERNATIF ET PROCEDE DE FONCTIONNEMENT CORRESPONDANT

Publication

**EP 1046178 A2 20001025 (EN)**

Application

**EP 99901335 A 19990106**

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- US 7080798 P 19980108

Abstract (en)

[origin: WO9935656A2] An electromagnetic assembly includes a casing, a solenoid disposed inside the casing, a stationary magnetic core, and a movable magnetic core. The stationary magnetic core is disposed at least partially inside the solenoid and is fixed relative to the solenoid and the casing, while the movable magnetic core is disposed for reciprocation partially inside the solenoid along an axis. The stationary magnetic core, the movable magnetic core, the solenoid, and the casing have rectangular or square cross sections in planes oriented essentially perpendicularly to the axis.

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IPC 8 full level

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